BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

Name of Work:-Improvements and asphalting to balance roads at Thirumalanagara and Muneshwara Layout in Ward NO-03.

Agency:-Sri.H.S.Palakshamurthy No;1,2nd Main,BDA Layout,Pattegara Palya,prashanthanagar, Bangalore

Final bill

Sl No	Description of item's	Unit	Previous Measurements		Present Measurements			Total Up to Date	
			Qty	Amount	Qty	Rate	Amount	Qty	Amount
Item No-01	Refixing stone slabs of drains and pointing in CM (1:3)(page no 25,I no 5.33)	sqm			863.42	80.56	69556.71	863.42	69556.71
Item No-02	KSRRB 300-1,Earth work excavation by manual means in ordinary soil involving an average horizontal throw up to 2 meters and an average lift uo to 1.5m,excavated surface levelled and sides neatly dresssed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications	cum			385.90	86.92	33542.43	385.90	33542.43
Item No-03	Providing granite slabs of selected quality roughly dressed and fixed in cement mortar (1:6) including fixing curing etc., complete do 7.5 cms thick	sqm			369.63	825.74	305218.28	369.63	305218.28
Item No-04	Providing Pre cast slab of 100mm thick including cost of all materials,labour,curing,transportation,loading,unloading etc,complete as per the direction of engineer in charge of work. (Approved Data Rate).	sqm			94.50	2100.00	198450.00	94.50	198450.00
Item No-05	KSRRB M300-14. Excavation for roadwork in soil with hydraulic excavator of 0.9 cum bucket capacity including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transporting to the embankment location within all lifts and lead upto 1000m complete as per specifications.MORTH Specification No.301	cum			1215.90	48.76	59287.28	1215.90	59287.28
Item No-06	KSRRB M400-6.1. Construction of granular sub-base by providing close graded material, crushed stone aggregates of granite/trap/basalt material, mixing in a mechaical mix plant at OMC, carriage of mixed material to work site, spreading in uniform layers etc as per specifications.	cum			530.41	1665.26	883270.56	530.41	883270.56

Item No-07	KSRRB M400-17. Providing, laying, spreading and compacting graded stones aggregate to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting withvibratory roller to achieve the desired density complete as per specifications.MORTH Specification No. 406	cum			669.28	1768.08	1183332.18	669.28	1183332.18
Item No-08	KSRRB M500-6. Providing and applying primer coat with bitumen emulsion on prepared surface of granular base including clearing of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications.MORTH Specification No. 502	sqm			3536.00	27.56	97452.16	3536.00	97452.16
Item No-09	KSRRB 500-7. Providing and applying tack coat on the prepared black topped surfaces at 5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications. MORTH Chapter 5	sqm			3536.00	11.66	41229.76	3536.00	41229.76
Item No-10	KSRRB M500- 17. Providing laying dense graded bitumrn macadam using 40/60 THP capacity H.M.P with Mechanical paver Gr-II(50mm to 75mm),crushed aggregates of sprcified grading premixed with 4.5% VG 30 grade bitumen binder and transporting the hot mix to work site laying to the required level and grade, rolling with wheeled,vibratory and tandeem rollers to achieve the desired density including all leads and lift cost of all materials labour HOM of machineries complete as per specifications.	cum			176.80	6435.26	1137753.97	176.80	1137753.97
Item No-11	KSRRB M500- 19. Providing laying Bituminous concrete using 40/60 THP capacity H.M.P with Mechanical paver Gr-II(30mm to 45mm),crushed aggregates of sprcified grading premixed with 6% VG 30 grade bitumen binder and transporting the hot mix to work site laying to the required level and grade, rolling with wheeled,vibratory and tandeem rollers to achieve the desired density including all leads and lift cost of all materials labour HOM of machineries complete as per specifications.	cum			106.08	7270.54	771258.88	106.08	771258.88
Item No-12	Lead for disposal of earth shall be payable at Carriage rates (Lead & Lift) by mechanical means including loading and unloading up to 7kms.	cum			1601.80	90.40	144802.72	1601.80	144802.72

Item No-13	KSRRB M800-13.Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface:- Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. MORTH Specification No. 803	sqm			124.40	542.72	67514.37	124.40	67514.37
								Total Bill Amount Rs.	**4992669.30**

Contractor,s Representative

Assistant Engineer
Ward No-03

Assistant Executive Engineer
Yelahanka sattellite Sub Division

BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

Name of Work:-Improvements and asphalting to balance roads at Escort layout and Santhoshnagara in Ward NO-03.

Agency:-Sri.H.S.Palakshamurthy No;1,2nd Main,BDA Layout,Pattegara Palya,prashanthanagar, Bangalore

MEASUREMENT SHEET Bill N0:-Final

Pre-Measurements Taken On:- 3-7-18

S.NO	Description of item's	Unit	No	Measurements			Qty	Remarks
				L	B	D		
Item No-01	Refixing stone slabs of drains and pointing in CM (1:3)(page no 25,I no 5.33)							
	Vivekananda School Back Side Road	sqm	1x2	30.00	1.35		81.00	
			1x2	30.00	1.35		81.00	
			1x2	30.00	1.35		81.00	
			1x2	30.00	1.35		81.00	
			1x2	30.00	1.35		81.00	
			1x2	28.00	1.35		75.60	
	Cross Road		1x2	25.90	1.35		69.93	
	Law College Side Road		1x2	30.00	1.35		81.00	
			1x2	30.00	1.35		81.00	
			1x2	26.50	1.35		71.55	
	-		1x2	30.00	1.35		81.00	
			1x2	13.00	1.35		35.10	
	Thirumalanagra 5th cross Balance road		1x1	30.00	1.35		40.50	
			1x1	30.00	1.35		40.50	
			1x1	30.00	1.35		40.50	
			1x1	30.00	1.35		40.50	
			1x1	29.90	1.35		40.37	
	Santhoshnagara 1st cross		1x2	30.00	0.75		45.00	
			1x2	30.00	0.75		45.00	
			1x2	30.00	0.75		45.00	
			1x2	30.00	0.75		45.00	
			1x2	30.00	0.75		45.00	
							1327.55	
	Deductions For Damaged portions							
	Vivekananda School Back Side Road		1	18.50	1.35		24.98	
			1	27.80	1.35		37.53	
			1	24.40	1.35		32.94	
			1	19.80	1.35		26.73	
			1	23.50	1.35		31.73	
	Cross Road		1	22.20	1.35		29.97	
	Santhoshnagara 1st cross		210	0.75	0.60		94.50	
	Law College Side Road		1	21.60	1.35		29.16	
			1	25.00	1.35		33.75	
	Thirumalanagra 5th cross Balance road		1	16.80	1.35		22.68	
			1	24.20	1.35		32.67	
			1	25.20	1.35		34.02	
			1	24.80	1.35		33.48	
							464.13	
					Total Qty		**863.42**	

Contractor's Representative

Assistant Engineer
Ward No-03

Assistant Executive Engineer
Yelahanka Satellite Sub Division

BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

Name of Work:-Improvements and asphalting to balance roads at Escort layout and Santhoshnagara in Ward NO-03

Agency:-Sri.H.S Palakshamurthy No;1,2nd Main,BDA Layout,Pattegara Palya,prashanthanagar, Bangalore

MEASUREMENT SHEET Bill N0:-Final

Pre-Measurements Taken On:- 13-7-18

S.NO	Description of item's	Unit	No	Measurements L	B	D	Qty	Remarks
Item No-02	KSRRB 300-1,Earth work excavation by manual means in ordinary soil involving an average horizontal throw up to 2 meters and an average lift uo to 1.5m,excavated surface levelled and sides neatly dresssed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications							
	Vivekananda School Back Side Road	cum	2	1.50	0.45	0.45	0.61	
			2	28.50	0.45	0.45	11.54	
			2	30.00	0.45	0.45	12.15	
			2	30.00	0.45	0.45	12.15	
			2	30.00	0.45	0.45	12.15	
			2	30.00	0.45	0.45	12.15	
			2	28.00	0.45	0.45	11.34	
	:-		2	30.00	0.45	0.45	12.15	
			2	19.00	0.45	0.45	7.70	
	Cross Road		2	25.90	0.45	0.45	10.49	
	Santhoshnagara 1st cross		2	30.00	0.45	0.40	10.80	
			2	30.00	0.45	0.40	10.80	
			2	30.00	0.45	0.40	10.80	
			2	30.00	0.45	0.40	10.80	
			2	30.00	0.45	0.40	10.80	
			2	16.60	0.45	0.40	5.98	
	Law College Side Road		2	30.00	0.45	0.45	12.15	
			2	30.00	0.45	0.45	12.15	
			2	26.50	0.45	0.45	10.73	
	:-		2	30.00	0.45	0.45	12.15	
			2	13.00	0.45	0.45	5.27	
	Thirumalanagra 5th cross Balance road		1	1.20	0.45	0.40	0.22	
			1	28.80	0.45	0.40	5.18	
			1	30.00	0.45	0.40	5.40	
			1	30.00	0.45	0.40	5.40	
			1	30.00	0.45	0.40	5.40	
			1	29.90	0.45	0.40	5.38	
	Berm cutting							
	Vivekananda School Back Side Road		2	30.00	0.80	0.20	9.60	
			2	30.00	0.80	0.20	9.60	
			2	30.00	0.80	0.20	9.60	
			2	30.00	0.80	0.20	9.60	
			2	30.00	0.80	0.20	9.60	
			2	28.00	0.80	0.20	8.96	
	:-		2	30.00	0.80	0.20	9.60	
			2	19.00	0.80	0.20	6.08	
	Cross Road		2	25.90	0.80	0.20	8.29	
	Santhoshnagara 1st cross		2	30.00	0.70	0.25	10.50	
			2	30.00	0.70	0.25	10.50	
			2	30.00	0.70	0.25	10.50	
			2	30.00	0.70	0.25	10.50	
			2	30.00	0.70	0.25	10.50	
			2	16.60	0.70	0.25	5.81	
	Law College Side Road		2	30.00	0.60	0.20	7.20	
			2	30.00	0.60	0.20	7.20	
			2	26.50	0.60	0.20	6.36	
	:-		2	30.00	0.60	0.20	7.20	
			2	13.00	0.60	0.20	3.12	
	Thirumalanagra 5th cross Balance road		1	1.20	0.65	0.15	0.12	
			1	28.80	0.65	0.15	2.81	
			1	30.00	0.65	0.15	2.93	
			1	30.00	0.65	0.15	2.93	
			1	30.00	0.65	0.15	2.93	
			1	29.90	0.65	0.15	2.92	
					Total Qty		426.76	
					Quantity Limited to		385.90	

Contractor's Representative

Assistant Engineer
Ward No-03

Assistant Executive Engineer
Yelahanka Satellite Sub Division

BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

Name of Work:-Improvements and asphalting to balance roads at Escort layout and Santhoshnagara in Ward NO-03.

Agency:-Sri.H.S.Palakshamurthy No;1,2nd Main,BDA Layout,Pattegara Palya,prashanthanagar, Bangalore

MEASUREMENT SHEET Bill N0:-Final

Pre-Measurements Taken On:- 13-7-18

S.NO	Description of item's	Unit	No	Measurements			Qty	Remarks
				L	B	D		
Item No-03	Providing granite slabs of selected quality roughly dressed and fixed in cement mortar (1:6) including fixing curing etc., complete do 7.5 cms thick							
	Vivekananda School Back Side Road	sqm	1	18.50	1.35		24.98	
			1	27.80	1.35		37.53	
			1	24.40	1.35		32.94	
			1	19.80	1.35		26.73	
			1	23.50	1.35		31.73	
	Cross Road		1	22.20	1.35		29.97	
	Law College Side Road		1	21.60	1.35		29.16	
			1	25.00	1.35		33.75	
	Thirumalanagra 5th cross Balance road		1	16.80	1.35		22.68	
			1	24.20	1.35		32.67	
			1	25.20	1.35		34.02	
			1	24.80	1.35		33.48	
					Total Qty		369.63	

Contractor's Representative

Assistant Engineer
Ward No-03

Assistant Executive Engineer
Yelahanka Satellite Sub Division

BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

Name of Work:-Improvements and asphalting to balance roads at Escort layout and Santhoshnagara in Ward NO-03.

Agency:-Sri H.S.Palakshamurthy No;1,2nd Main,BDA Layout,Pattegara Palya,prashanthanagar, Bangalore

MEASUREMENT SHEET Bill N0:-Final

Pre-Measurements Taken On:-

S.NO	Description of item's	Unit	No	Measurements			Qty	Remarks
				L	B	D		
Item No-04	Providing Pre cast slab of 100mm thick including cost of all materials,labour,curing,transportation,loading,unloading etc,complete as per the direction of engineer in charge of work. (Approved Data Rate)							
		sqm	210	0.75	0.60		94.50	

Contractor's Representative

Assistant Engineer
Ward No-03

Assistant Executive Engineer
Yelahanka Satellite Sub Division

BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

Name of Work:-Improvements and asphalting to balance roads at Escort layout and Santhoshnagara in Ward NO-03.

Agency:-Sri H.S Palakshamurthy No;1,2nd Main,BDA Layout,Pattegara Palya,prashanthanagar, Bangalore

MEASUREMENT SHEET Bill N0:-Final

Pre-Measurements Taken On:- 13-7-18

S.NO	Description of item's	Unit	No	Measurements L	B	D	Qty	Remarks
Item No-05	KSRRB M300-14. Excavation for roadwork in soil with hydraulic excavator of 0.9 cum bucket capacity including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transporting to the embankment location within all lifts and lead upto 1000m complete as per specifications.MORTH Specification No.301							
	Vivekananda School Back Side Road	Cum	1	1.50	(6.60+5.80)	0.40	3.72	
					2			
			1	28.50	(5.80+5.00)	0.40	61.56	
			1	30.00	(5.10+4.90)	0.40	60.00	
					2			
			1	30.00	(4.90+4.70)	0.40	57.60	
					2			
			1	30.00	(4.70+5.30)	0.40	60.00	
					2			
			1	30.00	(5.30+5.30)	0.40	63.60	
					2			
			1	28.00	(5.30+4.40)	0.40	54.32	
					2			
			1	30.00	(4.40+4.70)	0.40	54.60	
					2			
			1	19.00	(4.70+5.30)	0.40	38.00	
					2			
	Cross Road		1	25.90	(5.40+4.80)	0.40	52.84	
					2			
	Santhoshnagara 1st cross		1	30.00	(4.90+4.80)	0.30	43.65	
					2			
			1	30.00	(4.80+5.00)	0.30	44.10	
					2			
			1	30.00	(5.00+5.20)	0.30	45.90	
					2			
			1	30.00	(5.20+4.80)	0.30	45.00	
					2			
			1	30.00	(4.80+5.60)	0.30	46.80	
					2			
			1	16.60	(5.60+5.70)	0.30	28.14	
					2			
	Law College Side Road		1	30.00	(3.60+4.80)	0.35	44.10	
					2			
			1	30.00	(4.80+5.60)	0.35	54.60	
					2			
			1	26.50	(5.60+6.30)	0.35	55.19	
					2			
	:-		1	30.00	(5.00+5.30)	0.35	54.08	
					2			
			1	13.00	(5.30+5.50)	0.35	24.57	
					2			
	Thirumalanagra 5th cross Balance road		1	1.20	(5.70+5.10)	0.30	1.94	
					2			
			1	28.80	(5.10+5.70)	0.30	46.66	
					2			
			1	30.00	(5.30+5.20)	0.30	47.25	
					2			
			1	30.00	(5.20+4.60)	0.30	44.10	
					2			
			1	30.00	(4.60+5.00)	0.30	43.20	
					2			
			1	29.90	(5.00+5.10)	0.30	45.30	
					2			
						Total qty	1220.80	
						Quantity Limited to	1215.90	

Contractor's Representative

Assistant Engineer
Ward No-03

Assistant Executive Engineer
Yelahanka Satellite Sub Division

BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

Name of Work:-Improvements and asphalting to balance roads at Escort layout and Santhoshnagara in Ward NO-03.

Agency:-Sri.H.S.Palakshamurthy No;1,2nd Main,BDA Layout,Pattegara Palya,prashanthanagar, Bangalore

MEASUREMENT SHEET Bill N0:-Final

Pre-Measurements Taken On:- 18-7-18

S.NO	Description of item's	Unit	No	Measurements L	B	D	Qty	Remarks
Item No-06	KSRRB M400-6.1 Construction of granular sub-base by providing close graded material, crushed stone aggregates of granite/trap/basalt material, mixing in a mechaical mix plant at OMC, carriage of mixed material to work site, spreading in uniform layers etc as per specifications.							
	Vivekananda School Back Side Road	Cum	1	1.50	(6.60+5.80)	0.15	1.40	
					2			
			1	28.50	(5.80+5.00)	0.15	23.09	
			1	30.00	(5.10+4.90)	0.15	22.50	
					2			
			1	30.00	(4.90+4.70)	0.15	21.60	
					2			
			1	30.00	(4.70+5.30)	0.15	22.50	
					2			
			1	30.00	(5.30+5.30)	0.15	23.85	
					2			
			1	28.00	(5.30+4.40)	0.15	20.37	
					2			
			1	30.00	(4.40+4.70)	0.15	20.48	
					2			
			1	19.00	(4.70+5.30)	0.15	14.25	
					2			
	Cross Road		1	25.90	(5.40+4.80)	0.15	19.81	
					2			
	Santhoshnagara 1st cross		1	30.00	(4.90+4.80)	0.15	21.83	
					2			
			1	30.00	(4.80+5.00)	0.15	22.05	
					2			
			1	30.00	(5.00+5.20)	0.15	22.95	
					2			
			1	30.00	(5.20+4.80)	0.15	22.50	
					2			
			1	30.00	(4.80+5.60)	0.15	23.40	
					2			
			1	16.60	(5.60+5.70)	0.15	14.07	
					2			
	Law College Side Road		1	30.00	(3.60+4.80)	0.15	18.90	
					2			
			1	30.00	(4.80+5.60)	0.15	23.40	
					2			
			1	26.50	(5.60+6.30)	0.15	23.65	
					2			
			1	30.00	(5.00+5.30)	0.15	23.18	
					2			
			1	13.00	(5.30+5.50)	0.15	10.53	
					2			
	Thirumalanagra 5th cross Balance road		1	1.20	(5.70+5.10)	0.15	0.97	
					2			
			1	28.80	(5.10+5.70)	0.15	23.33	
					2			
			1	30.00	(5.30+5.20)	0.15	23.63	
					2			
			1	30.00	(5.20+4.60)	0.15	22.05	
					2			
			1	30.00	(4.60+5.00)	0.15	21.60	
					2			
			1	29.90	(5.00+5.10)	0.15	22.65	
					2			
						Total qty	530.41	

Contractor's Representative

Assistant Engineer
Ward No-03

Assistant Executive Engineer
Yelahanka Satellite Sub Division

BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

Name of Work:-Improvements and asphalting to balance roads at Escort layout and Santhoshnagara in Ward NO-03.

Agency:-Sri.H.S.Palakshamurthy No;1,2nd Main,BDA Layout,Pattegara Palya,prashanthanagar, Bangalore

MEASUREMENT SHEET Bill N0:-Final

Pre-Measurements Taken On:- 25-7-18

S.NO	Description of item's	Unit	No	Measurements L	B	D	Qty	Remarks
Item No-07	KSRRB M400-17. Providing, laying, spreading and compacting graded stones aggregate to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting withvibratory roller to achieve the desired density complete as per specifications.MORTH Specification No. 406							
	Vivekananda School Back Side Road	Cum	1	1.50	(6.60+5.80)	0.20	1.86	
					2			
			1	28.50	(5.80+5.00)	0.20	30.78	
			1	30.00	(5.10+4.90)	0.20	30.00	
					2			
			1	30.00	(4.90+4.70)	0.20	28.80	
					2			
			1	30.00	(4.70+5.30)	0.20	30.00	
					2			
			1	30.00	(5.30+5.30)	0.20	31.80	
					2			
			1	28.00	(5.30+4.40)	0.20	27.16	
					2			
			1	30.00	(4.40+4.70)	0.20	27.30	
					2			
			1	19.00	(4.70+5.30)	0.20	19.00	
					2			
	Cross Road		1	25.90	(5.40+4.80)	0.20	26.42	
					2			
	Santhoshnagara 1st cross		1	30.00	(4.90+4.80)	0.20	29.10	
					2			
			1	30.00	(4.80+5.00)	0.20	29.40	
					2			
			1	30.00	(5.00+5.20)	0.20	30.60	
					2			
			1	30.00	(5.20+4.80)	0.20	30.00	
					2			
			1	30.00	(4.80+5.60)	0.20	31.20	
					2			
			1	16.60	(5.60+5.70)	0.20	18.76	
					2			
	Law College Side Road		1	30.00	(3.60+4.80)	0.20	25.20	
					2			
			1	30.00	(4.80+5.60)	0.20	31.20	
					2			
			1	26.50	(5.60+6.30)	0.20	31.54	
					2			
			1	30.00	(5.00+5.30)	0.20	30.90	
					2			
			1	13.00	(5.30+5.50)	0.20	14.04	
					2			
	Thirumalanagra 5th cross Balance road		1	1.20	(5.70+5.10)	0.15	0.97	
					2			
			1	28.80	(5.10+5.70)	0.15	23.33	
					2			
			1	30.00	(5.30+5.20)	0.15	23.63	
					2			
			1	30.00	(5.20+4.60)	0.15	22.05	
					2			
			1	30.00	(4.60+5.00)	0.15	21.60	
					2			
			1	29.90	(5.00+5.10)	0.15	22.65	
					2			
						Total qty	669.28	

Contractor,s Representative

Assistant Engineer
Ward No-03

Assistant Executive Engineer
Yelahanka Satellite Sub Division

BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

Name of Work:-Improvements and asphalting to balance roads at Escort layout and Santhoshnagara in Ward NO-03

Agency:-Sri H S Palakshamurthy No;1,2nd Main,BDA Layout,Pattegara Palya,prashanthanagar, Bangalore

MEASUREMENT SHEET Bill N0:-Final

Pre-Measurements Taken On:- 21-8-18

S.NO	Description of item's	Unit	No	Measurements L	B	D	Qty	Remarks
Item No-08	KSRRB M500-6. Providing and applying primer coat with bitumen emulsion on prepared surface of granular base including clearing of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications.MORTH Specification No. 502							
	Vivekananda School Back Side Road	sqm	1	1.50	(6.60+5.80)		9.30	
					2			
			1	28.50	(5.80+5.00)		153.90	
			1	30.00	(5.10+4.90)		150.00	
					2			
			1	30.00	(4.90+4.70)		144.00	
					2			
			1	30.00	(4.70+5.30)		150.00	
					2			
			1	30.00	(5.30+5.30)		159.00	
					2			
			1	28.00	(5.30+4.40)		135.80	
					2			
			1	30.00	(4.40+4.70)		136.50	
					2			
			1	19.00	(4.70+5.30)		95.00	
					2			
	Cross Road		1	25.90	(5.40+4.80)		132.09	
					2			
	Santhoshnagara 1st cross		1	30.00	(4.90+4.80)		145.50	
					2			
			1	30.00	(4.80+5.00)		147.00	
					2			
			1	30.00	(5.00+5.20)		153.00	
					2			
			1	30.00	(5.20+4.80)		150.00	
					2			
			1	30.00	(4.80+5.60)		156.00	
					2			
			1	16.60	(5.60+5.70)		93.79	
					2			
	Law College Side Road		1	30.00	(3.60+4.80)		126.00	
					2			
			1	30.00	(4.80+5.60)		156.00	
					2			
			1	26.50	(5.60+6.30)		157.68	
					2			
	-		1	30.00	(5.00+5.30)		154.50	
					2			
			1	13.00	(5.30+5.50)		70.20	
					2			
	Thirumalanagra 5th cross Balance road		1	1.20	(5.70+5.10)		6.48	
					2			
			1	28.80	(5.10+5.70)		155.52	
					2			
			1	30.00	(5.30+5.20)		157.50	
					2			
			1	30.00	(5.20+4.60)		147.00	
					2			
			1	30.00	(4.60+5.00)		144.00	
					2			
			1	29.90	(5.00+5.10)		151.00	
					2			
						Total qty	3536.75	
						Quantity Limited To	3536.00	

Contractor,s Representative

Assistant Engineer
Ward No-03

Assistant Executive Engineer
Yelahanka Satellite Sub Division

BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

Name of Work:-Improvements and asphalting to balance roads at Escort layout and Santhoshnagara in Ward NO-03.

Agency:-Sri.H.S.Palakshamurthy No;1,2nd Main,BDA Layout,Pattegara Palya,prashanthanagar, Bangalore

MEASUREMENT SHEET Bill N0:-Final

Pre-Measurements Taken On:-

S.NO	Description of item's	Unit	No	Measurements L	B	D	Qty	Remarks
Item No-09	KSRRB 500-7. Providing and applying tack coat on the prepared black topped surfaces at 5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications. MORTH Chapter 5							
	Vivekananda School Back Side Road	sqm	1	1.50	(6.60+5.80)		9.30	
					2			
			1	28.50	(5.80+5.00)		153.90	
			1	30.00	(5.10+4.90)		150.00	
					2			
			1	30.00	(4.90+4.70)		144.00	
					2			
			1	30.00	(4.70+5.30)		150.00	
					2			
			1	30.00	(5.30+5.30)		159.00	
					2			
			1	28.00	(5.30+4.40)		135.80	
					2			
			1	30.00	(4.40+4.70)		136.50	
					2			
			1	19.00	(4.70+5.30)		95.00	
					2			
	Cross Road		1	25.90	(5.40+4.80)		132.09	
					2			
	Santhoshnagara 1st cross		1	30.00	(4.90+4.80)		145.50	
					2			
			1	30.00	(4.80+5.00)		147.00	
					2			
			1	30.00	(5.00+5.20)		153.00	
					2			
			1	30.00	(5.20+4.80)		150.00	
					2			
			1	30.00	(4.80+5.60)		156.00	
					2			
			1	16.60	(5.60+5.70)		93.79	
					2			
	Law College Side Road		1	30.00	(3.60+4.80)		126.00	
					2			
			1	30.00	(4.80+5.60)		156.00	
					2			
			1	26.50	(5.60+6.30)		157.68	
					2			
	-		1	30.00	(5.00+5.30)		154.50	
					2			
			1	13.00	(5.30+5.50)		70.20	
					2			
	Thirumalanagra 5th cross Balance road		1	1.20	(5.70+5.10)		6.48	
					2			
			1	28.80	(5.10+5.70)		155.52	
					2			
			1	30.00	(5.30+5.20)		157.50	
					2			
			1	30.00	(5.20+4.60)		147.00	
					2			
			1	30.00	(4.60+5.00)		144.00	
					2			
			1	29.90	(5.00+5.10)		151.00	
					2			
						Total qty	3536.75	
						Quantity Limited To	3536.00	

Contractor's Representative

Assistant Engineer
Ward No-03

Assistant Executive Engineer
Yelahanka Satellite Sub Division

BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

Name of Work:-Improvements and asphalting to balance roads at Escort layout and Santhoshnagara in Ward NO-03

Agency:-Sri.H.S.Palakshamurthy No;1,2nd Main,BDA Layout,Pattegara Palya,prashanthanagar, Bangalore

MEASUREMENT SHEET Bill N0:-Final

Pre-Measurements Taken On:- ೩೨-೪-೧೪

S.NO	Description of item's	Unit	No	Measurements L	B	D	Qty	Remarks
Item No-10	KSRRB M500- 17 Providing laying dense graded bitumm macadam using 40/60 THP capacity H.M.P with Mechanical paver Gr-II(50mm to 75mm),crushed aggregates of sprcified grading premixed with 4.5% VG 30 grade bitumen binder and transporting the hot mix to work site laying to the required level and grade, rolling with wheeled,vibratory and tandeem rollers to achieve the desired density including all leads and lift cost of all materials labour HOM of machineries complete as per specifications.							
	Vivekananda School Back Side Road	cum	1	1.50	(6.60+5.80)	0.05	0.47	
					2			
			1	28.50	(5.80+5.00)	0.05	7.70	
			1	30.00	(5.10+4.90)	0.05	7.50	
					2			
			1	30.00	(4.90+4.70)	0.05	7.20	
					2			
			1	30.00	(4.70+5.30)	0.05	7.50	
					2			
			1	30.00	(5.30+5.30)	0.05	7.95	
					2			
			1	28.00	(5.30+4.40)	0.05	6.79	
					2			
			1	30.00	(4.40+4.70)	0.05	6.83	
					2			
			1	19.00	(4.70+5.30)	0.05	4.75	
					2			
	Cross Road		1	25.90	(5.40+4.80)	0.05	6.60	
					2			
	Santhoshnagara 1st cross		1	30.00	(4.90+4.80)	0.05	7.28	
					2			
			1	30.00	(4.80+5.00)	0.05	7.35	
					2			
			1	30.00	(5.00+5.20)	0.05	7.65	
					2			
			1	30.00	(5.20+4.80)	0.05	7.50	
					2			
			1	30.00	(4.80+5.60)	0.05	7.80	
					2			
			1	16.60	(5.60+5.70)	0.05	4.69	
					2			
	Law College Side Road		1	30.00	(3.60+4.80)	0.05	6.30	
					2			
			1	30.00	(4.80+5.60)	0.05	7.80	
					2			
			1	26.50	(5.60+6.30)	0.05	7.88	
					2			
	-		1	30.00	(5.00+5.30)	0.05	7.73	
					2			
			1	13.00	(5.30+5.50)	0.05	3.51	
					2			
	Thirumalanagra 5th cross Balance road		1	1.20	(5.70+5.10)	0.05	0.32	
					2			
			1	28.80	(5.10+5.70)	0.05	7.78	
					2			
			1	30.00	(5.30+5.20)	0.05	7.88	
					2			
			1	30.00	(5.20+4.60)	0.05	7.35	
					2			
	10		1	30.00	(4.60+5.00)	0.05	7.20	
					2			

			1	29.90	(5.00+5.10)	0.05	7.55	
					2			
						Total qty	**176.84**	
						Quantity Limited To	**176.80**	

Contractor,s Representative

Assistant Engineer
Ward No-03

Assistant Executive Engineer
Yelahanka Satellite Sub Division

BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

Name of Work:-Improvements and asphalting to balance roads at Escort layout and Santhoshnagara in Ward NO-03.

Agency:-Sri.H.S.Palakshamurthy No;1,2nd Main,BDA Layout,Pattegara Palya,prashanthanagar, Bangalore

MEASUREMENT SHEET Bill N0:-Final

Measurements Taken On:- 21-8-18

S.NO	Description of item's	Unit	No	Measurements L	B	D	Qty	Remarks
Item No-11	KSRRB M500- 19. Providing laying Bituminous concrete using 40/60 THP capacity H.M.P with Mechanical paver Gr-II(30mm to 45mm),crushed aggregates of sprcified grading premixed with 6% VG 30 grade bitumen binder and transporting the hot mix to work site laying to the required level and grade, rolling with wheeled,vibratory and tandeem rollers to achieve the desired density including all leads and lift cost of all materials labour HOM of machineries complete as per specifications.							
	Vivekananda School Back Side Road	cum	1	1.50	(6.60+5.80) / 2	0.03	0.28	
			1	28.50	(5.80+5.00) / 2	0.03	4.62	
			1	30.00	(5.10+4.90) / 2	0.03	4.50	
			1	30.00	(4.90+4.70) / 2	0.03	4.32	
			1	30.00	(4.70+5.30) / 2	0.03	4.50	
			1	30.00	(5.30+5.30) / 2	0.03	4.77	
			1	28.00	(5.30+4.40) / 2	0.03	4.07	
			1	30.00	(4.40+4.70) / 2	0.03	4.10	
			1	19.00	(4.70+5.30) / 2	0.03	2.85	
	Cross Road		1	25.90	(5.40+4.80) / 2	0.03	3.96	
	Santhoshnagara 1st cross		1	30.00	(4.90+4.80) / 2	0.03	4.37	
			1	30.00	(4.80+5.00) / 2	0.03	4.41	
			1	30.00	(5.00+5.20) / 2	0.03	4.59	
			1	30.00	(5.20+4.80) / 2	0.03	4.50	
			1	30.00	(4.80+5.60) / 2	0.03	4.68	
			1	16.60	(5.60+5.70) / 2	0.03	2.81	
	Law College Side Road		1	30.00	(3.60+4.80) / 2	0.03	3.78	
			1	30.00	(4.80+5.60) / 2	0.03	4.68	
			1	26.50	(5.60+6.30) / 2	0.03	4.73	
			1	30.00	(5.00+5.30) / 2	0.03	4.64	
			1	13.00	(5.30+5.50) / 2	0.03	2.11	
	Thirumalanagra 5th cross Balance road		1	1.20	(5.70+5.10) / 2	0.03	0.19	
			1	28.80	(5.10+5.70) / 2	0.03	4.67	
			1	30.00	(5.30+5.20) / 2	0.03	4.73	
			1	30.00	(5.20+4.60) / 2	0.03	4.41	
	12		1	30.00	(4.60+5.00) / 2	0.03	4.32	

			1	29.90	(5.00+5.10)	0.03	4.53	
					2			
						Total qty	**106.10**	
			Quantity Limited To				**106.08**	

Contractor,s Representative

Assistant Engineer
Ward No-03

Assistant Executive Engineer
Yelahanka Satellite Sub Division

BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

Name of Work:-Improvements and asphalting to balance roads at Escort layout and Santhoshnagara in Ward NO-03.

Agency:-Sri.H.S.Palakshamurthy No;1,2nd Main,BDA Layout,Pattegara Palya,prashanthanagar, Bangalore

MEASUREMENT SHEET Bill N0:-Final

Measurements Taken On:-

S.NO	Description of item's	Unit	No	Measurements			Qty	Remarks
				L	B	D		
Item No-12	Lead for disposal of earth shall be payable at Carriage rates (Lead & Lift) by mechanical means including loading and unloading up to 7kms.							
		Cum	Qty vide item No 2+5				1647.57	
			Quantity Limited to				1601.80	

Contractor / Representative

Assistant Engineer
Ward No-03

Assistant Executive Engineer
Yelahanka Satellite Sub Division

BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

Name of Work:-Improvements and asphalting to balance roads at Escort layout and Santhoshnagara in Ward NO-03

Agency:-Sri.H.S.Palakshamurthy No;1,2nd Main,BDA Layout,Pattegara Palya,prashanthanagar, Bangalore

MEASUREMENT SHEET Bill N0:-Final

Measurements Taken On:- 23-8-18

S.NO	Description of item's	Unit	No	Measurements L	B	D	Qty	Remarks
Item No-13	KSRRB M800-13 Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface:- Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. MORTH Specification No. 803							
	Vivekananda School Back Side Road	sqm	1x2	30.00	0.10		6.00	
			1x2	30.00	0.10		6.00	
			1x2	30.00	0.10		6.00	
			1x2	30.00	0.10		6.00	
			1x2	30.00	0.10		6.00	
			1x2	28.00	0.10		5.60	
	-		1x2	30.00	0.10		6.00	
			1x2	19.00	0.10		3.80	
	Cross Road		1x2	25.90	0.10		5.18	
	Santhoshnagara 1st cross		1x2	30.00	0.10		6.00	
			1x2	30.00	0.10		6.00	
			1x2	30.00	0.10		6.00	
			1x2	30.00	0.10		6.00	
			1x2	30.00	0.10		6.00	
			1x2	16.60	0.10		3.32	
	Law College Side Road		1x2	30.00	0.10		6.00	
			1x2	30.00	0.10		6.00	
			1x2	26.50	0.10		5.30	
	-		1x2	30.00	0.10		6.00	
			1x2	13.00	0.10		2.60	
	Thirumalanagra 5th cross Balance road		1x2	1.20	0.10		0.24	
			1x2	28.80	0.10		5.76	
			1x2	30.00	0.10		6.00	
			1x2	30.00	0.10		6.00	
			1x2	30.00	0.10		6.00	
			1x2	29.90	0.10		5.98	
							139.78	
				Quantity Limited To			**124.40**	

Contractor's Representative

Assistant Engineer
Ward No-03

Assistant Executive Engineer
Yelahanka Satellite Sub Division